Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
Data File : BN024598.D
Acq On : 28 Mar 2023 23:38
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020264

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

Quant Time: Mar 29 05:38:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 29 03:32:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	300897	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1377319	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.640	164	882809	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.387	188	1893382	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	1760700	20.000	ng/ul	0.00
88) Perylene-d12	24.051	264	1999456	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	64300	8.285	ng/uL	0.00
4) Pyridine-d5	3.799	84	471047	21.020	ng/ul	0.00
7) Phenol-d5	7.158	99	600465	21.087	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	401888	21.855	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	458707	21.728	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	485864	21.335	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	237465	21.785	ng/ul	0.00
24) 2-Nitrophenol-d4	9.893	143	256970	21.780	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	467132	21.799	ng/ul	0.00
31) 4-Chloroaniline-d4	10.952	131	703470	21.514	ng/ul	0.00
46) Dimethylphthalate-d6	14.046	166	1448124	21.331	ng/ul	0.00
49) Acenaphthylene-d8	14.334	160	1663814	21.523	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	295575	20.802	ng/ul	0.00
60) Fluorene-d10	15.634	176	1250835	21.474	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	244295	19.589	ng/ul	0.00
73) Anthracene-d10	17.486	188	1948686	21.882	ng/ul	0.00
81) Pyrene-d10	19.775	212	2203052	21.640	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.898	264	2152322	21.244	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	70470	8.427	ng/uL	97
5) Pyridine	3.817	79	493523	21.157	ng/ul	99
6) Benzaldehyde	7.134	77	348572	26.819	ng/ul	98
8) Phenol	7.181	94	630930	21.345	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.422	93	508426	21.813	ng/ul	96
12) 2-Chlorophenol	7.558	128	472218	21.440	ng/ul	98
13) 2-Methylphenol	8.446	108	466870	21.150	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.528	45	902088	21.787	ng/ul	100
16) Acetophenone	8.828	105	797206	22.425	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.816	70	415194	22.192	ng/ul	99
18) 4-Methylphenol	8.775	108	529449	21.604	ng/ul	99
19) Hexachloroethane	9.087	117	184425	21.200	ng/ul	96
22) Nitrobenzene	9.210	77	603255	21.306	ng/ul	99
23) Isophorone	9.740	82	1142910	21.717	ng/ul	98
25) 2-Nitrophenol	9.928	139	283638	22.113	ng/ul	96
26) 2,4-Dimethylphenol	9.981	107	576635	21.643	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.222	93	716710	21.222	ng/ul	98
29) 2,4-Dichlorophenol	10.463	162	463192	21.310	ng/ul	95
30) Naphthalene	10.869	128	1613947	21.089	ng/ul	99
32) 4-Chloroaniline	10.981	127	719644	21.734	ng/ul	100
33) Hexachlorobutadiene	11.152	225	265806	21.234	ng/ul	99
34) Caprolactam	11.752	113	156209m	20.780	ng/ul	
35) 4-Chloro-3-methylphenol	12.099	107	545032	21.933	ng/ul	96
36) 2-Methylnaphthalene	12.469	142	1100856	21.486	ng/ul	99

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 29 03:32:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.693	142	1104647	21.759	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.840	216	543918	20.785	ng/ul	94
40) Hexachlorocyclopentadiene	12.816	237	328168	19.928	ng/ul	94
41) 2,4,6-Trichlorophenol	13.075	196	376800	21.612	ng/ul	99
42) 2,4,5-Trichlorophenol	13.146	196	418906	21.861	ng/ul	98
43) 1,1'-Biphenyl	13.475	154	1501674	21.410	ng/ul	99
44) 2-Chloronaphthalene	13.522	162	1170496	21.377	ng/ul	98
45) 2-Nitroaniline	13.722	65	374922	22.038	ng/ul	95
47) Dimethylphthalate	14.098	163	1461265	21.196	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	286223	21.919	ng/ul	95
50) Acenaphthylene	14.363	152	1846477	21.817	ng/ul	100
51) 3-Nitroaniline	14.545	138	311805	22.464	ng/ul	99
52) Acenaphthene	14.704	153	1258961	21.347	ng/ul	96
53) 2,4-Dinitrophenol	14.751	184	163257	18.405	ng/ul	96
55) 4-Nitrophenol	14.845	109	232852	21.419	ng/ul	98
56) Dibenzofuran	15.040	168	1768055	21.544	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	420096	21.959	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.263	232	349324	21.876	ng/ul	97
59) Diethylphthalate	15.457	149	1438552	21.324	ng/ul	100
61) Fluorene	15.687	166	1446399	21.981	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.675	204	653698	20.938	ng/ul	98
63) 4-Nitroaniline	15.710	138	317269	23.203	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.763	198	250310	20.297	ng/ul	97
67) N-Nitrosodiphenylamine	15.892	169	1219976	21.547	ng/ul	99
68) 4-Bromophenyl-phenylether	16.575	248	403384	21.346	ng/ul	99
69) Hexachlorobenzene	16.692	284	475105	21.362	ng/ul	98
70) Atrazine	16.845	200	411432	21.269	ng/ul	98
71) Pentachlorophenol	17.034	266	284544	20.929	ng/ul	96
72) Phenanthrene	17.428	178	2258209	21.284	ng/ul	99
74) Anthracene	17.522	178	2299151	21.570	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.446	216	565724	20.899	ng/uL	98
76) Pentachlorobenzene	14.957	250	565026	21.488	ng/uL	98
77) Carbazole	17.792	167	2151821	22.453	ng/ul	98
78) Di-n-butylphthalate	18.351	149	2350789	21.646	ng/ul	99
80) Fluoranthene	19.439	202	2598244	21.521	ng/ul	99
82) Pyrene	19.804	202	2705922	21.261	ng/ul	99
83) Butylbenzylphthalate	20.692	149	1041572	21.493	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.486	252	895933	21.768	ng/ul	98
85) Benzo(a)anthracene	21.557	228	2649790	21.304	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.475	149	1502312	22.235	ng/ul	99
87) Chrysene	21.610	228	2586423	21.976	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	2573715	21.249	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	2760823	21.087	ng/ul	99
91) Benzo(k)fluoranthene	23.345	252	2732822	21.864	ng/ul	99
93) Benzo(a)pyrene	23.945	252	2443756	21.315	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.657	276	3167532m	21.680	ng/ul	
95) Dibenzo(a,h)anthracene	26.674	278	2646987m	21.846	ng/ul	
96) Benzo(g,h,i)perylene	27.462	276	2566628m	21.143	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Quant Time: Mar 29 05:38:27 2023
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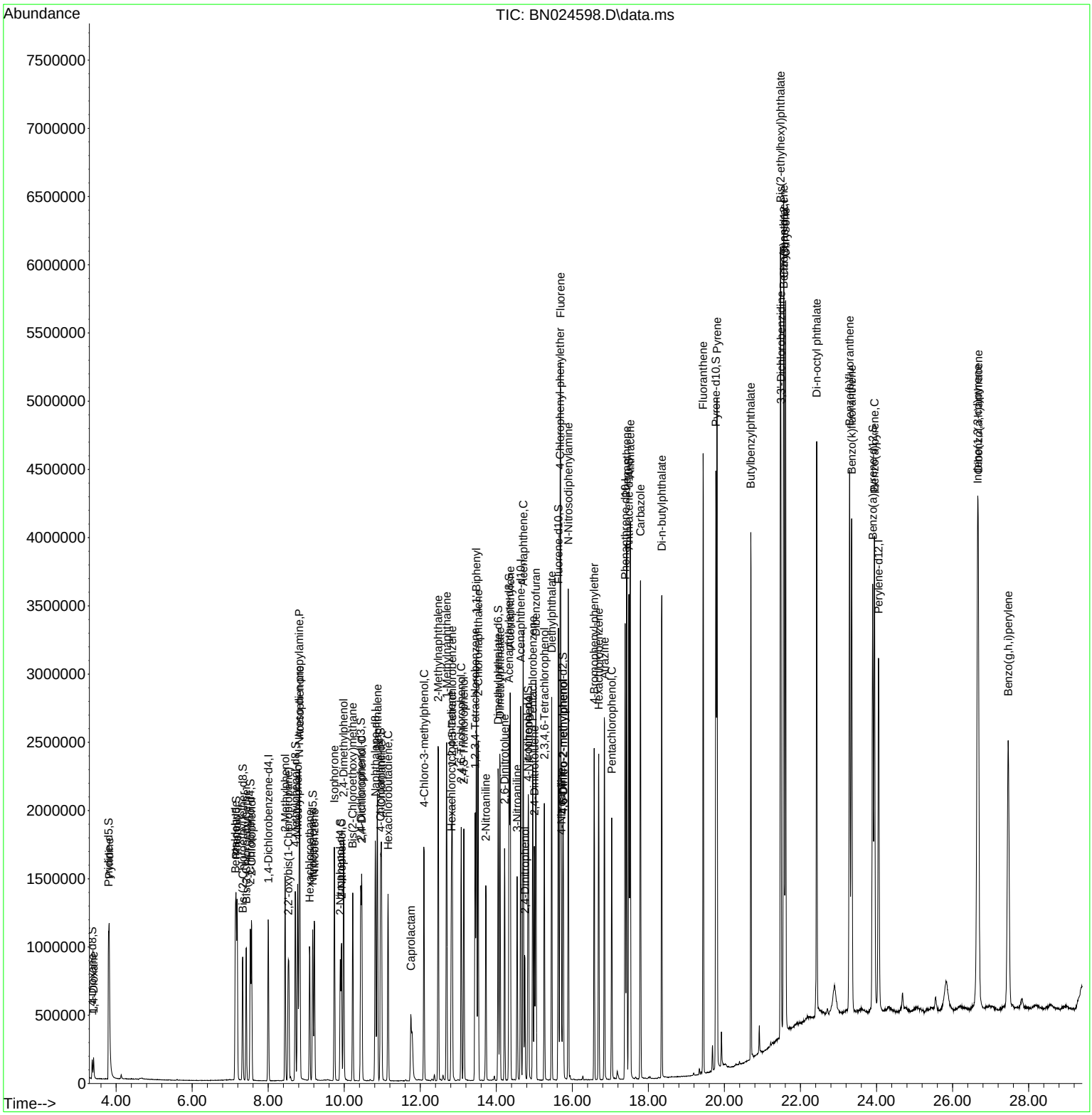
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 29 03:32:05 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD020264

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
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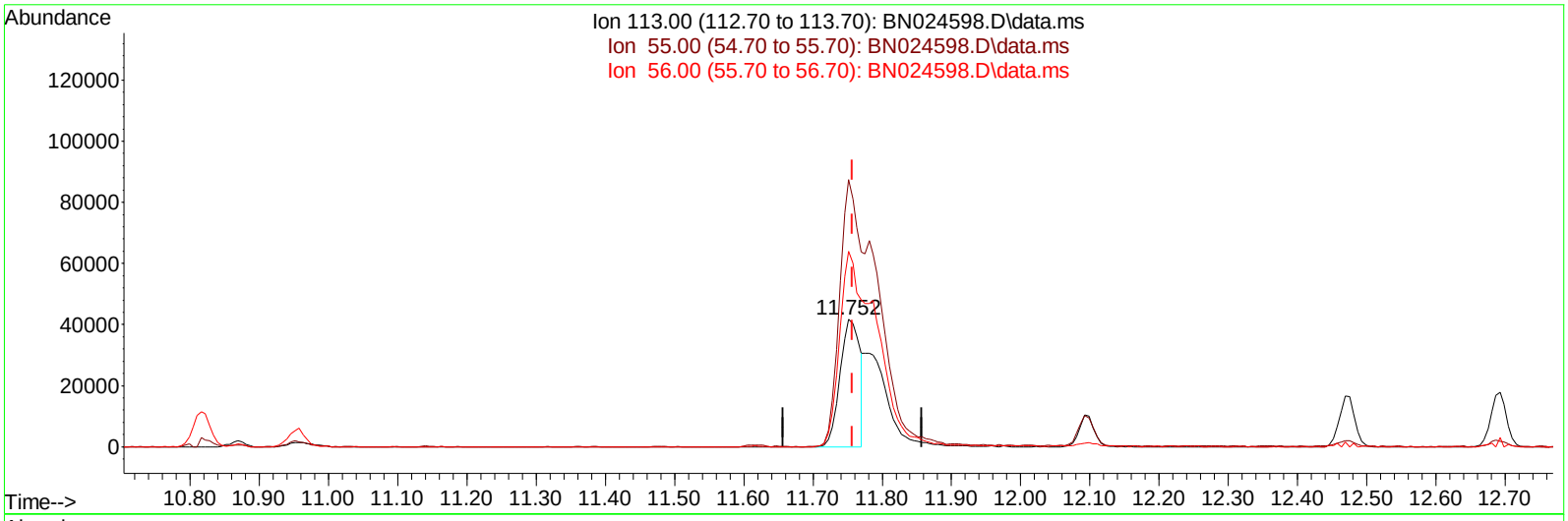

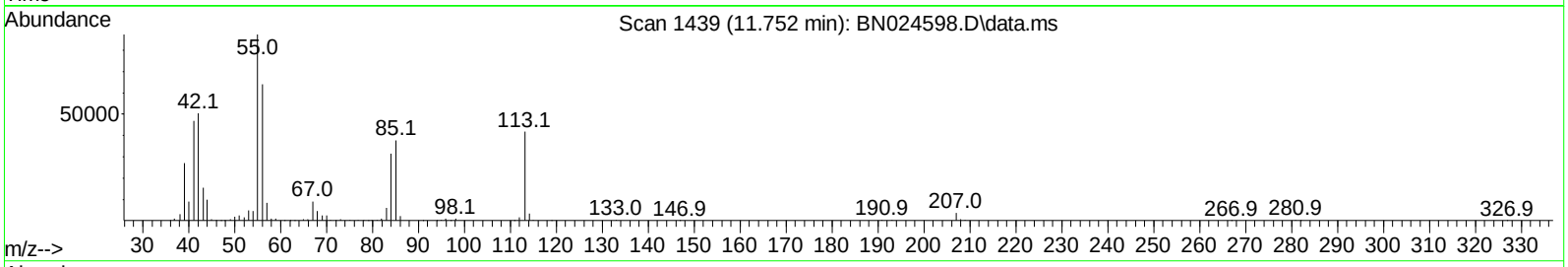

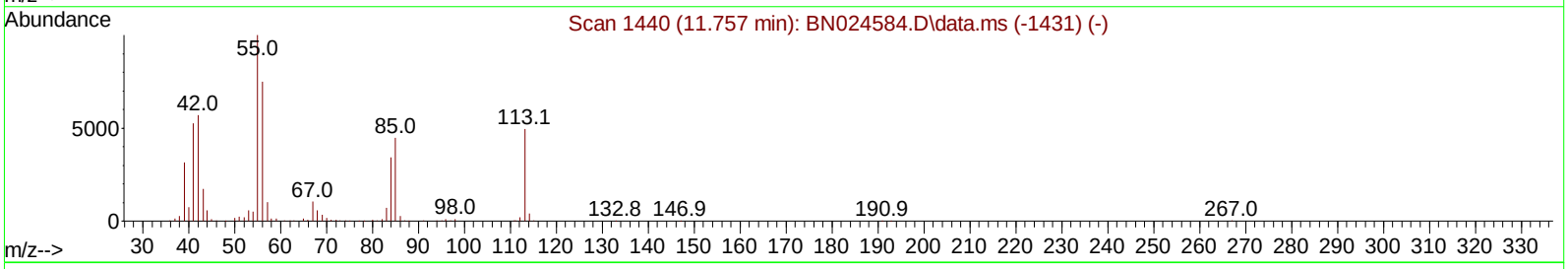

TIC: BN024598.D\data.ms

(34) Caprolactam

11.752min (-0.006) 10.93 ng/ul

response 82187

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.70	209.14
56.00	152.00	153.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
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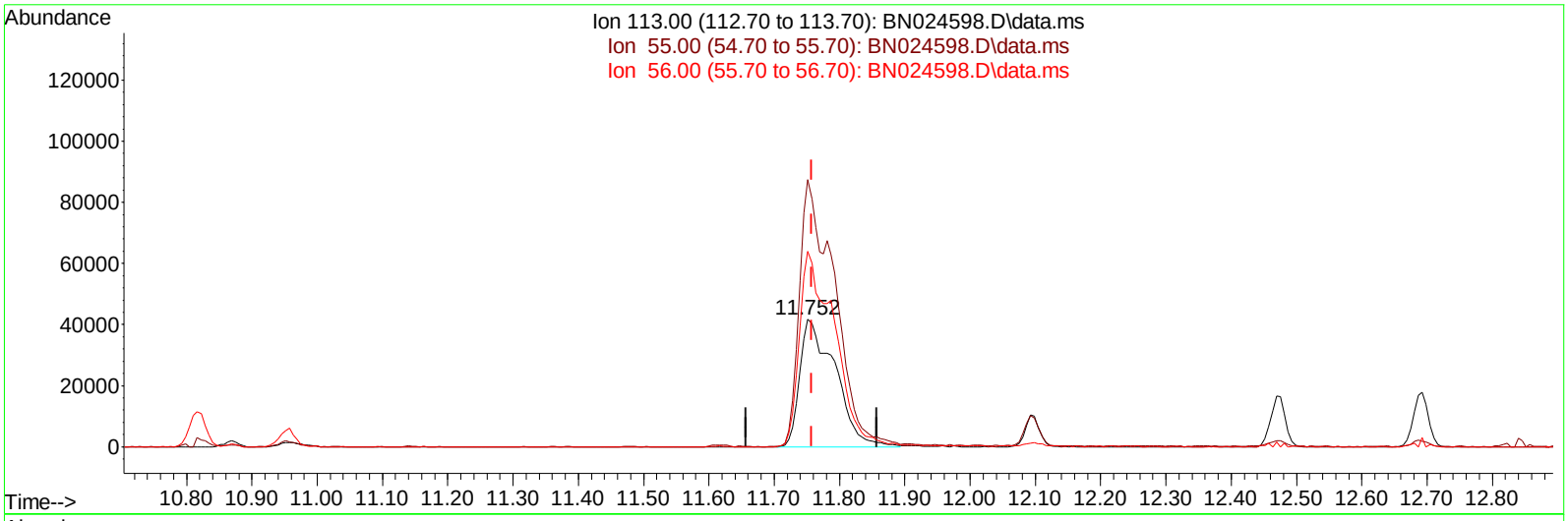

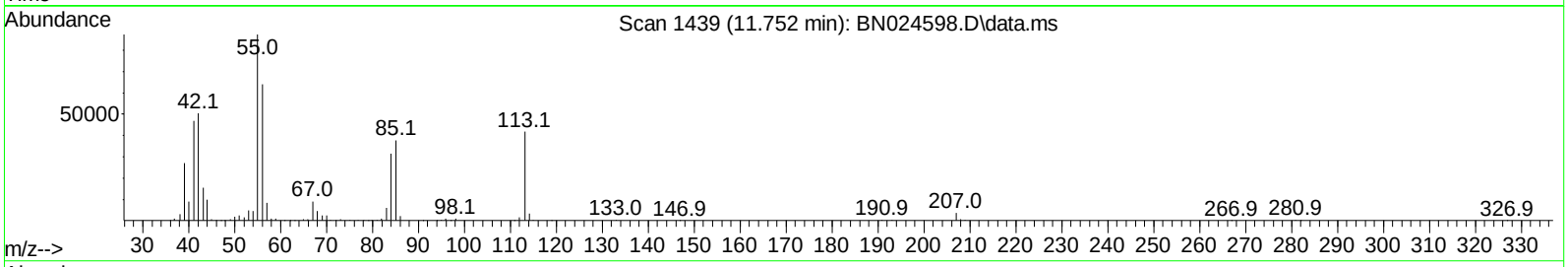

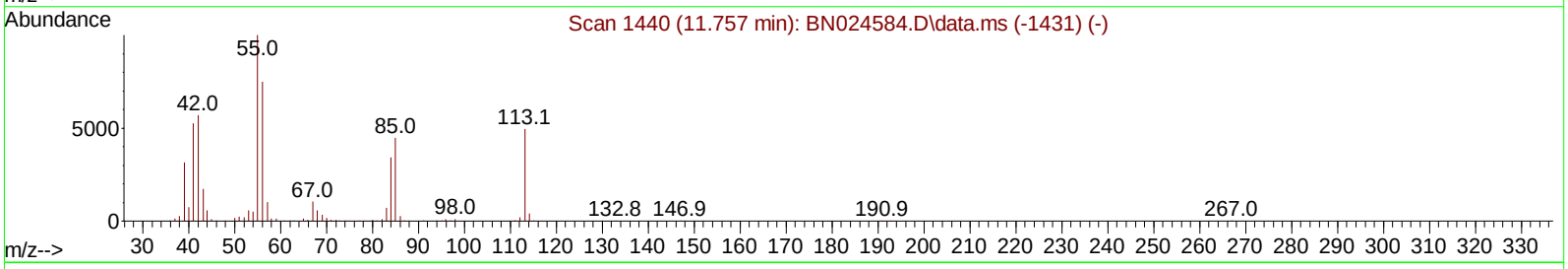

TIC: BN024598.D\data.ms

(34) Caprolactam

11.752min (-0.006) 20.78 ng/ul m

response 156209

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.70	209.14
56.00	152.00	153.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
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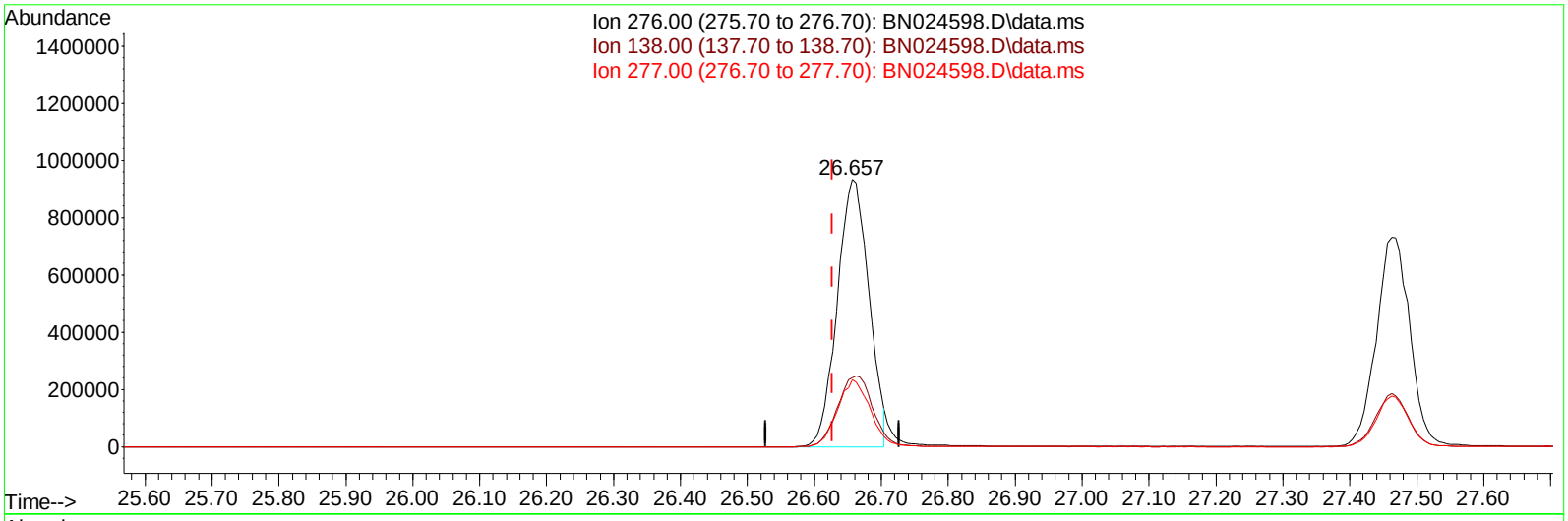

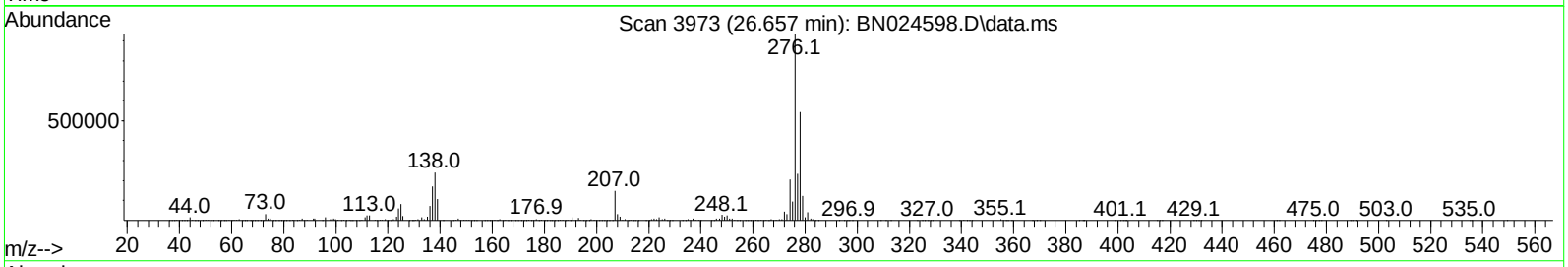

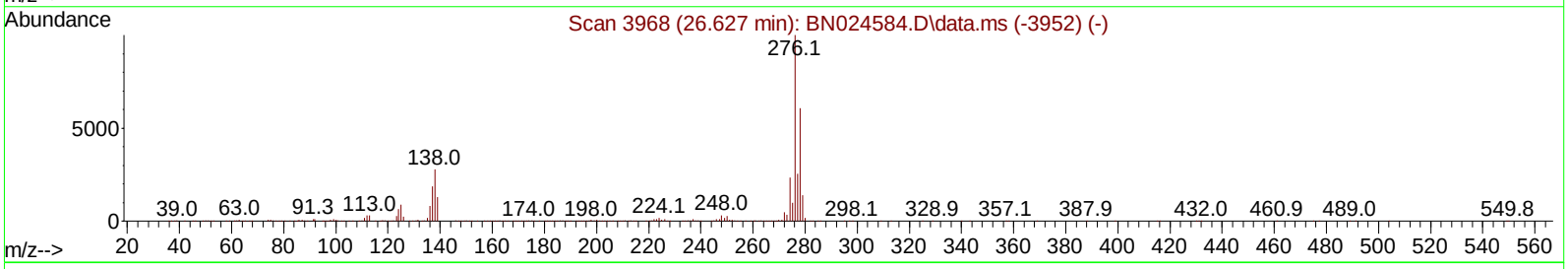

TIC: BN024598.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

26.657min (+ 0.029) 20.97 ng/ul

response 3063502

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.70	25.84
277.00	25.40	25.18
0.00	0.00	0.00

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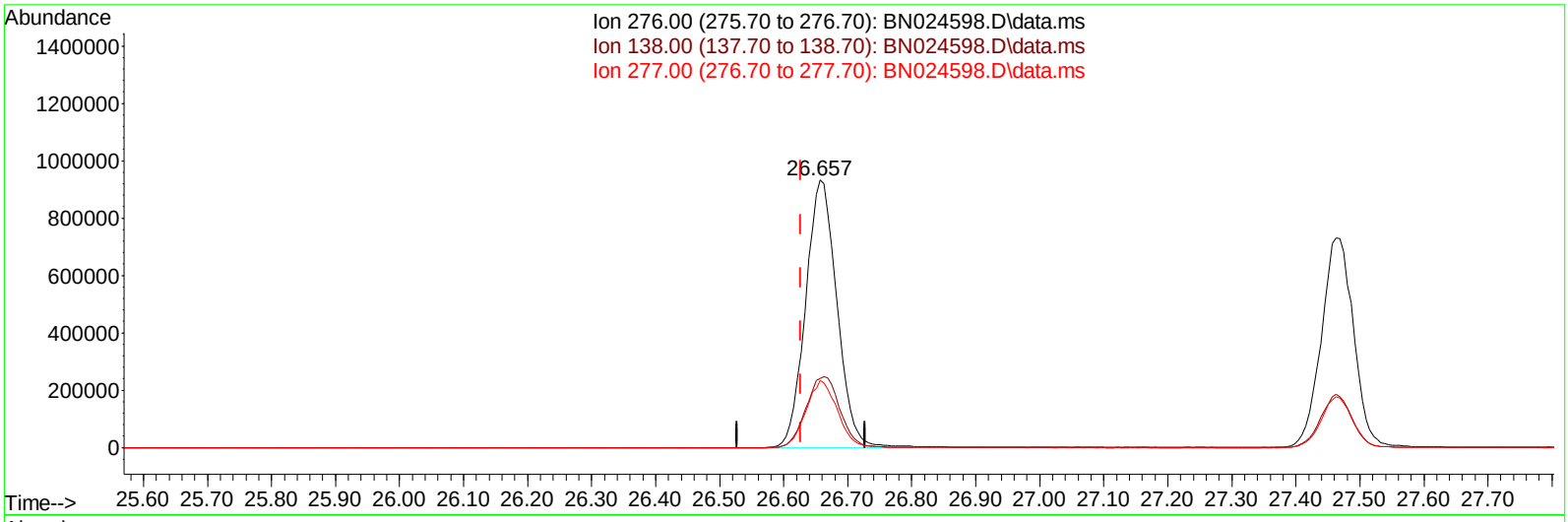

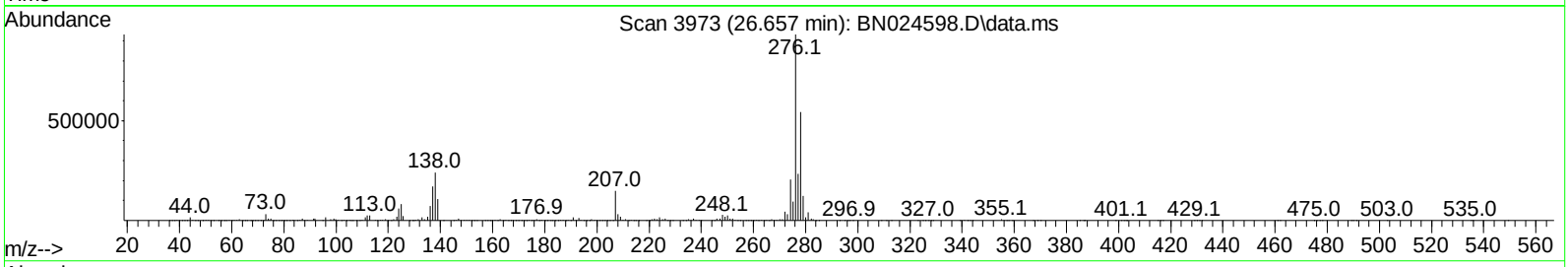

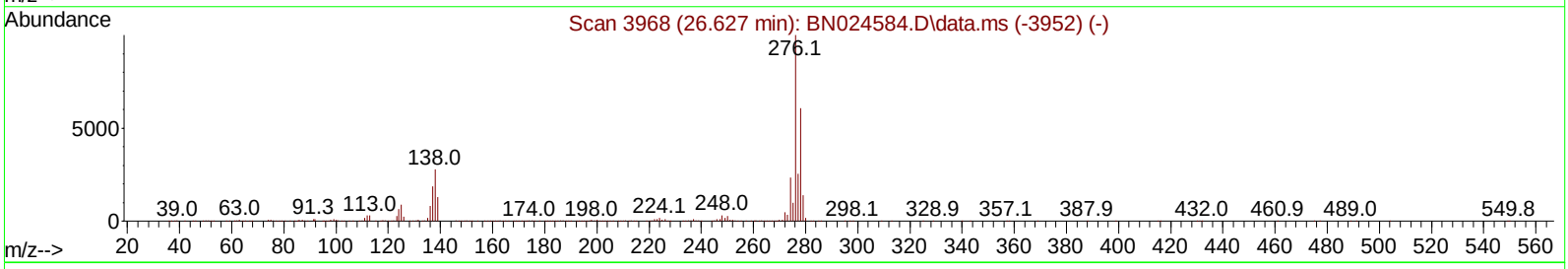

TIC: BN024598.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

26.657min (+ 0.029) 21.68 ng/ul m

response 3167532

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.70	25.84
277.00	25.40	25.18
0.00	0.00	0.00

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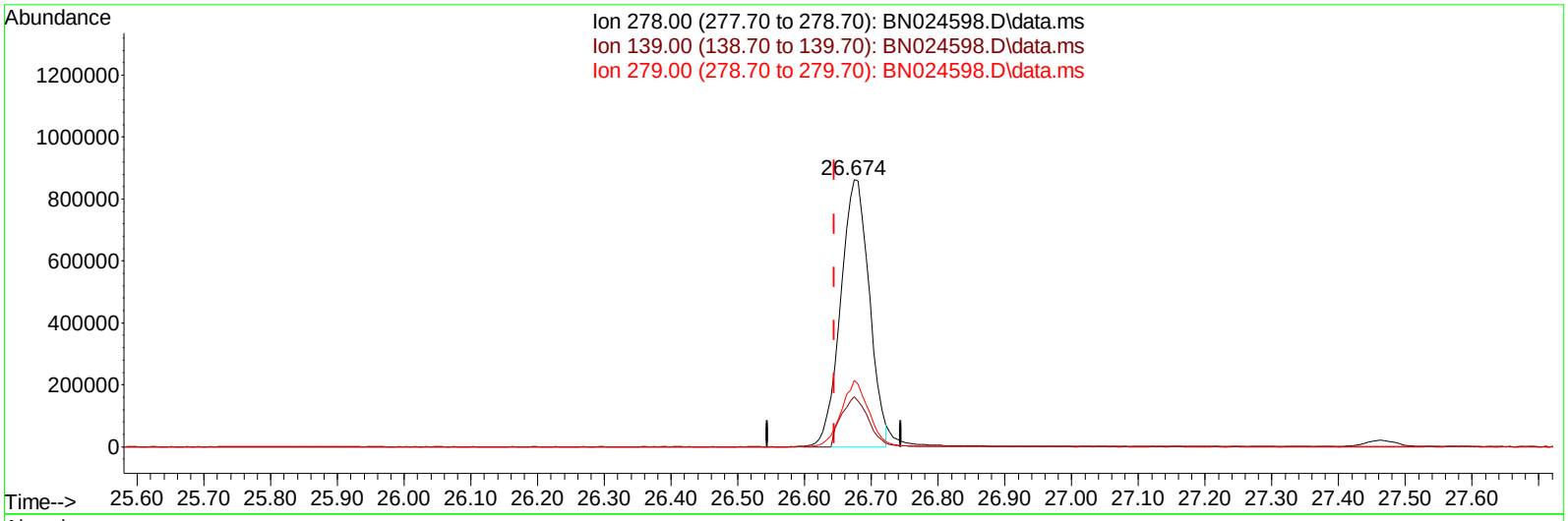

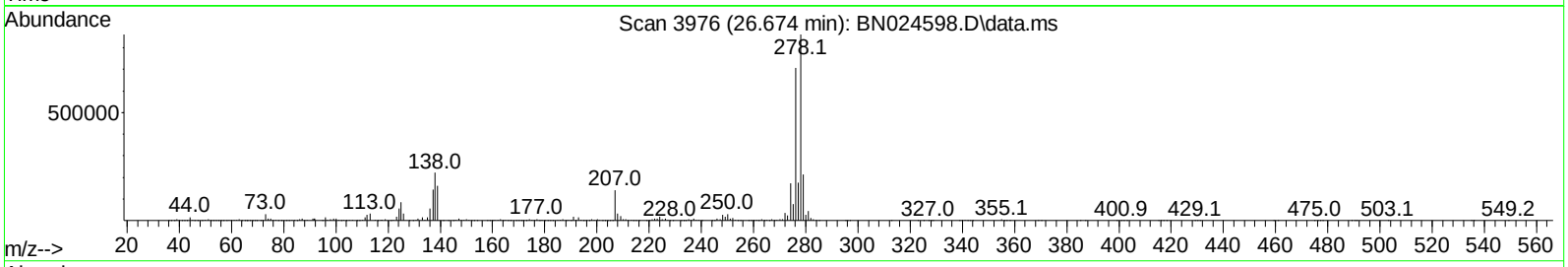

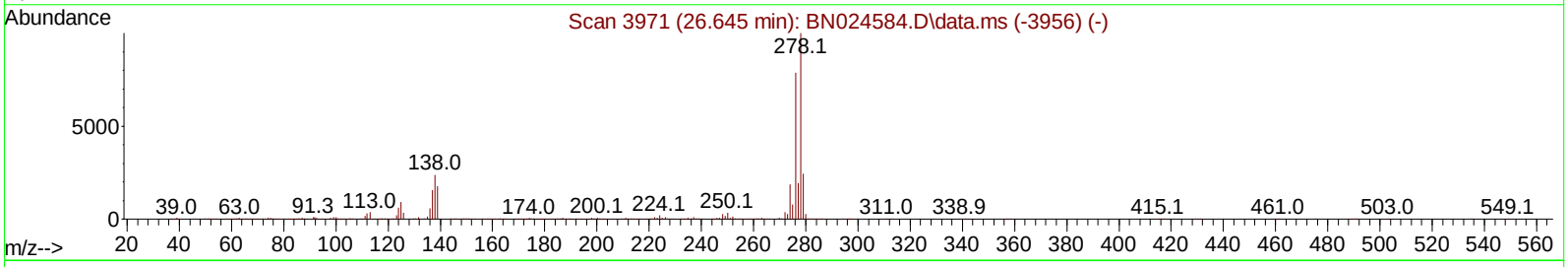

TIC: BN024598.D\data.ms

(95) Dibenzo(a,h)anthracene

26.674min (+ 0.029) 21.30 ng/ul

response 2580827

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	17.80	18.76
279.00	24.50	24.85
0.00	0.00	0.00

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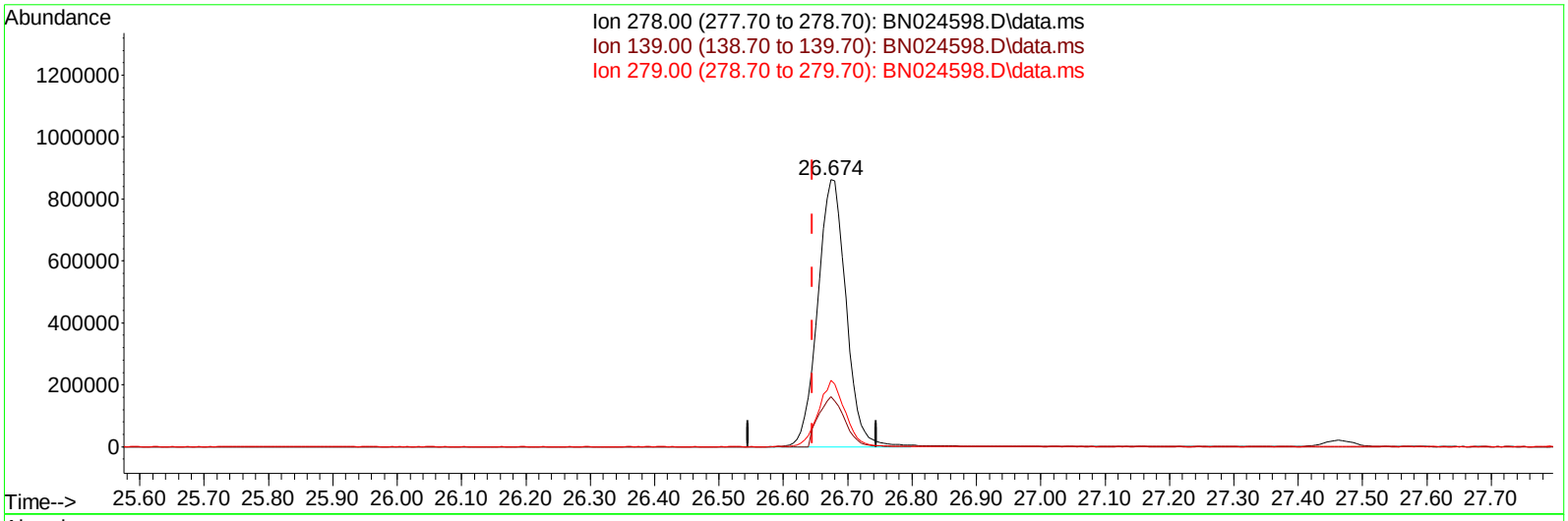
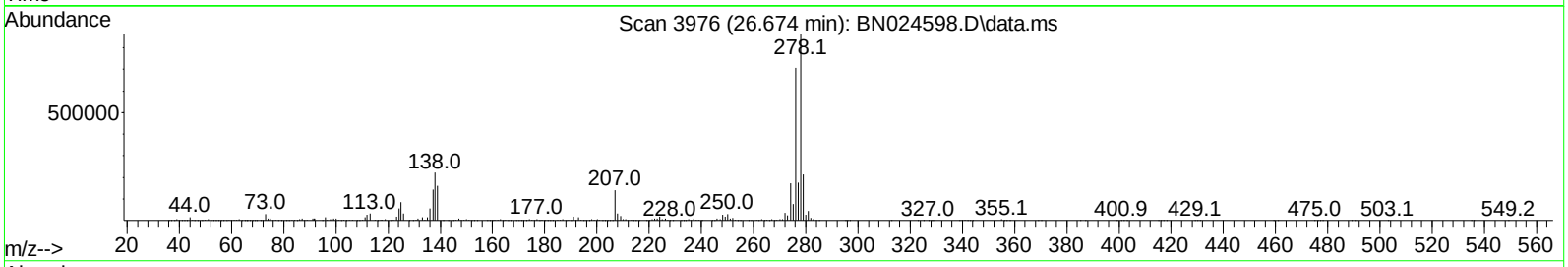
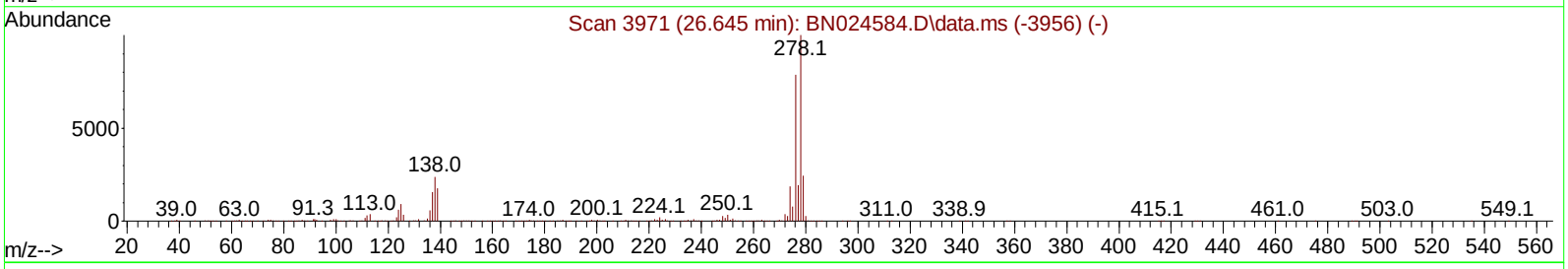
Supervised By :Jagrut Upadhyay 03/29/2023







TIC: BN024598.D\data.ms

(95) Dibenzo(a,h)anthracene

26.674min (+ 0.029) 21.85 ng/ul m

response 2646987

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	17.80	18.76
279.00	24.50	24.85
0.00	0.00	0.00

Quantitation Report (Qedit)

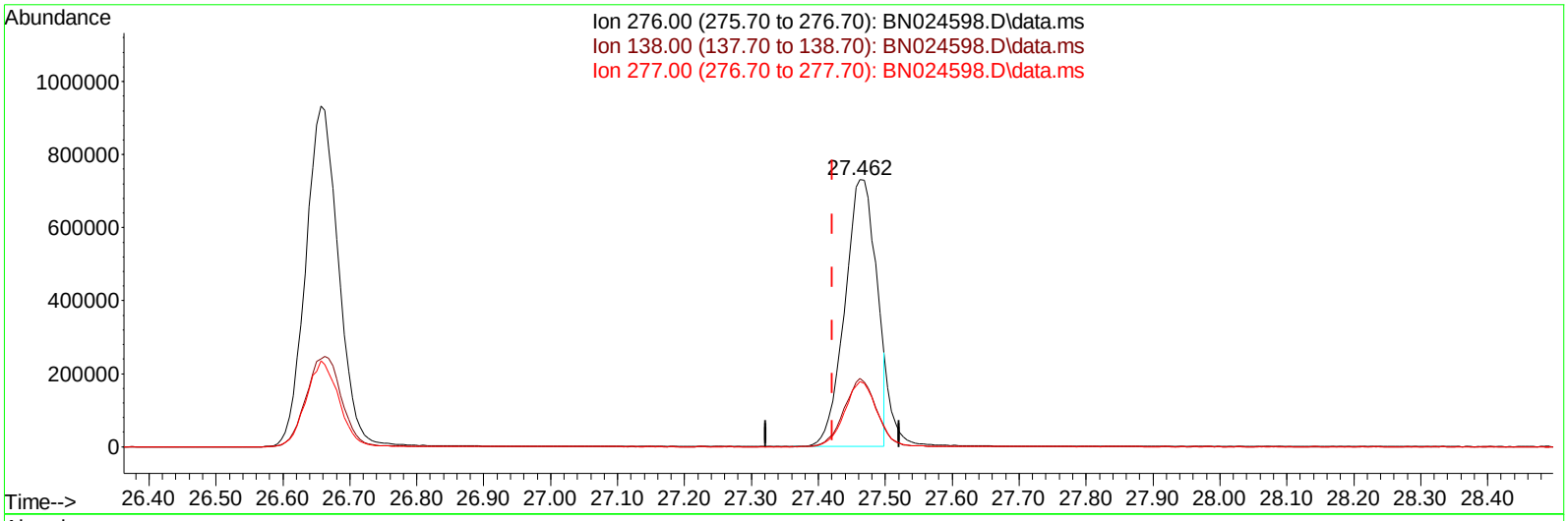
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
Data File : BN024598.D
Acq On : 28 Mar 2023 23:38
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 21 Sample Multiplier: 1

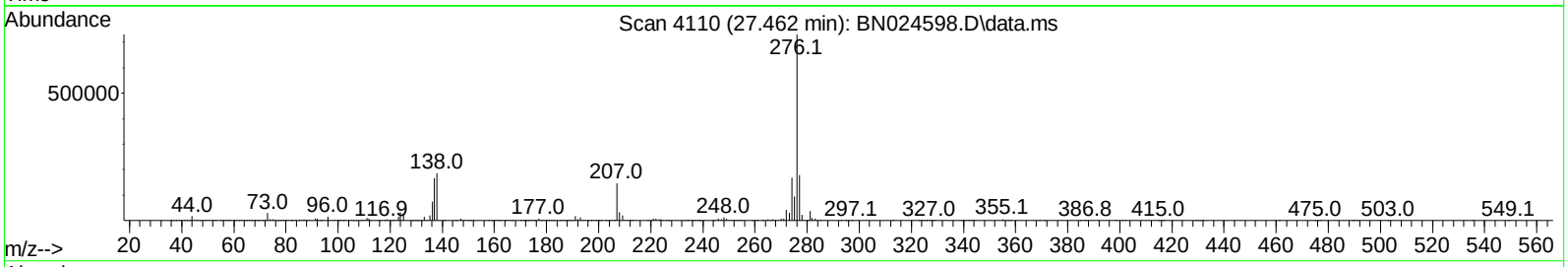
Quant Time: Mar 29 05:38:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 29 03:32:05 2023
Response via : Initial Calibration

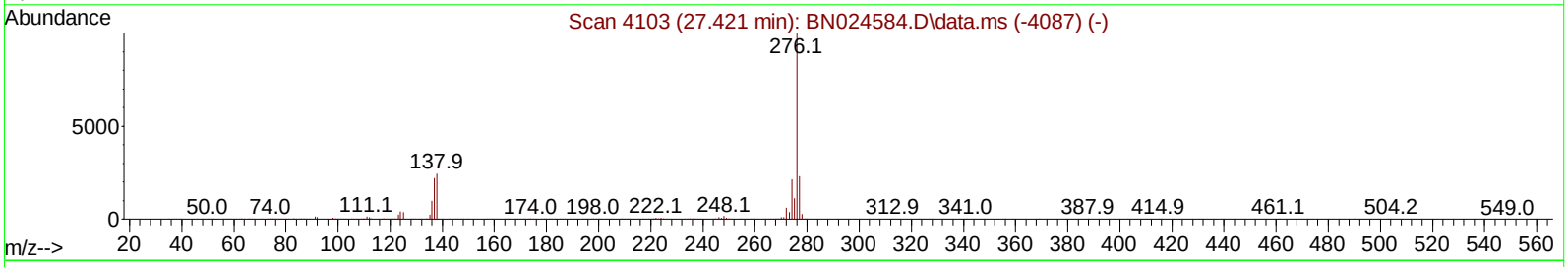
Instrument :
BNA_N
ClientSampleId :
SSTD020264

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023







TIC: BN024598.D\data.ms

(96) Benzo(g,h,i)perylene

27.462min (+ 0.041) 19.72 ng/ul

response 2394261

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.40	25.52
277.00	23.00	24.33
0.00	0.00	0.00

Quantitation Report (Qedit)

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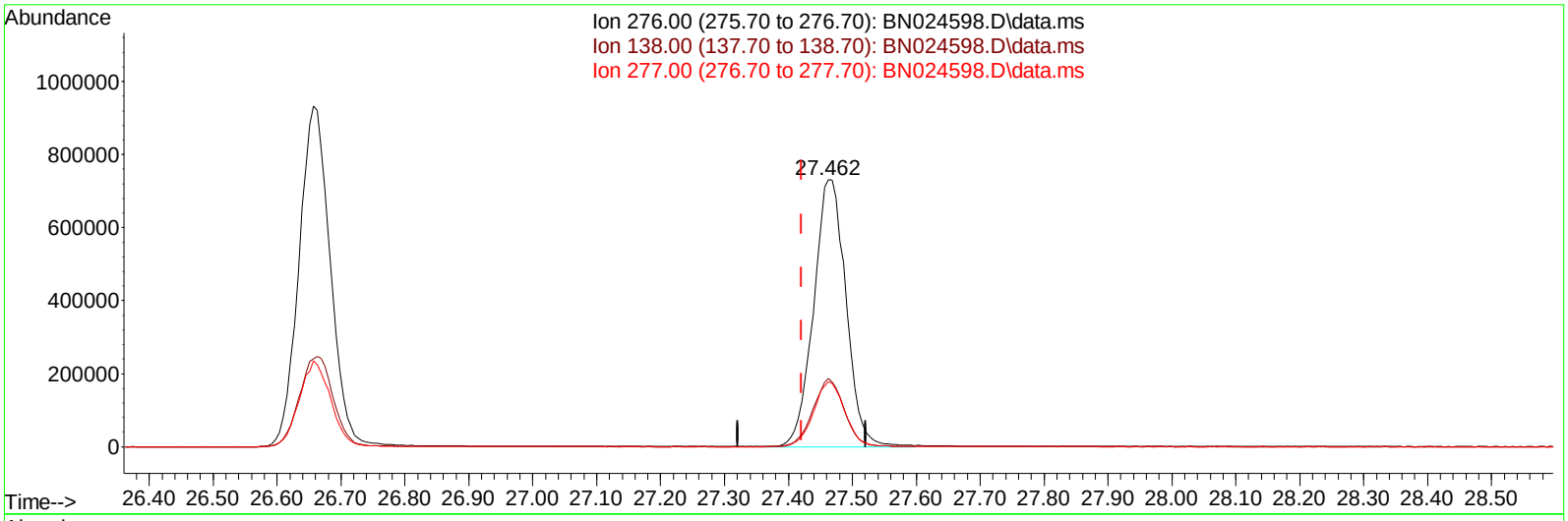

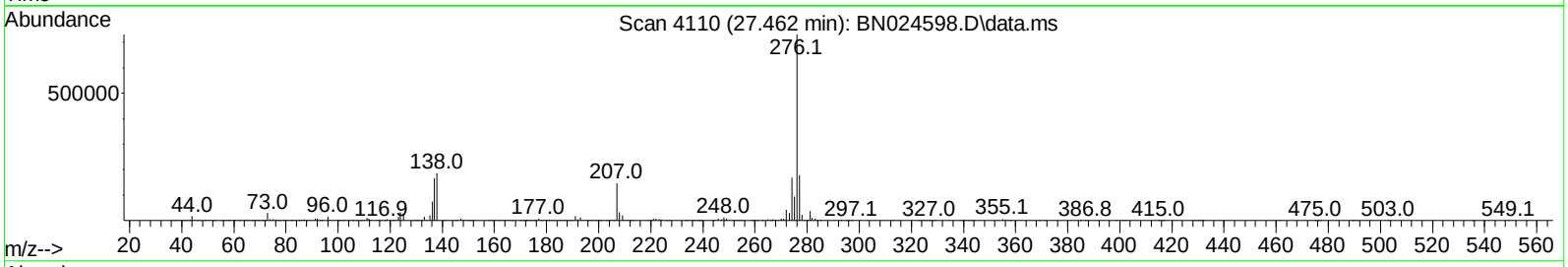

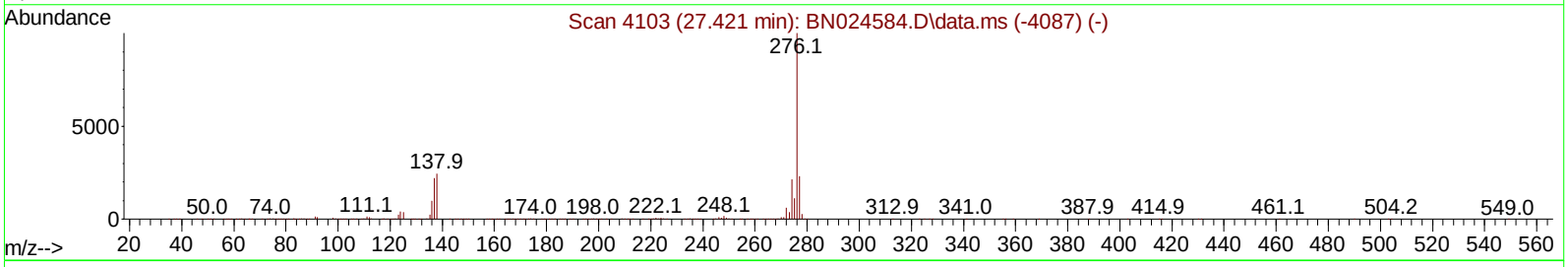

TIC: BN024598.D\data.ms

(96) Benzo(g,h,i)perylene

27.462min (+ 0.041) 21.14 ng/ul m

response 2566628

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.40	25.52
277.00	23.00	24.33
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	300897	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1377319	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.640	164	882809	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.387	188	1893382	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	1760700	20.000	ng/ul	0.00
88) Perylene-d12	24.051	264	1999456	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	64300	8.285	ng/uL	0.00
4) Pyridine-d5	3.799	84	471047	21.020	ng/ul	0.00
7) Phenol-d5	7.158	99	600465	21.087	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	401888	21.855	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	458707	21.728	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	485864	21.335	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	237465	21.785	ng/ul	0.00
24) 2-Nitrophenol-d4	9.893	143	256970	21.780	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	467132	21.799	ng/ul	0.00
31) 4-Chloroaniline-d4	10.952	131	703470	21.514	ng/ul	0.00
46) Dimethylphthalate-d6	14.046	166	1448124	21.331	ng/ul	0.00
49) Acenaphthylene-d8	14.334	160	1663814	21.523	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	295575	20.802	ng/ul	0.00
60) Fluorene-d10	15.634	176	1250835	21.474	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	244295	19.589	ng/ul	0.00
73) Anthracene-d10	17.486	188	1948686	21.882	ng/ul	0.00
81) Pyrene-d10	19.775	212	2203052	21.640	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.898	264	2152322	21.244	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	70470	8.427	ng/uL	97
5) Pyridine	3.817	79	493523	21.157	ng/ul	99
6) Benzaldehyde	7.134	77	348572	26.819	ng/ul	98
8) Phenol	7.181	94	630930	21.345	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.422	93	508426	21.813	ng/ul	96
12) 2-Chlorophenol	7.558	128	472218	21.440	ng/ul	98
13) 2-Methylphenol	8.446	108	466870	21.150	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.528	45	902088	21.787	ng/ul	100
16) Acetophenone	8.828	105	797206	22.425	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.816	70	415194	22.192	ng/ul	99
18) 4-Methylphenol	8.775	108	529449	21.604	ng/ul	99
19) Hexachloroethane	9.087	117	184425	21.200	ng/ul	96
22) Nitrobenzene	9.210	77	603255	21.306	ng/ul	99
23) Isophorone	9.740	82	1142910	21.717	ng/ul	98
25) 2-Nitrophenol	9.928	139	283638	22.113	ng/ul	96
26) 2,4-Dimethylphenol	9.981	107	576635	21.643	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.222	93	716710	21.222	ng/ul	98
29) 2,4-Dichlorophenol	10.463	162	463192	21.310	ng/ul	95
30) Naphthalene	10.869	128	1613947	21.089	ng/ul	99
32) 4-Chloroaniline	10.981	127	719644	21.734	ng/ul	100
33) Hexachlorobutadiene	11.152	225	265806	21.234	ng/ul	99
34) Caprolactam	11.752	113	156209m	20.780	ng/ul	
35) 4-Chloro-3-methylphenol	12.099	107	545032	21.933	ng/ul	96

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Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.469	142	1100856	21.486	ng/ul	99
37) 1-Methylnaphthalene	12.693	142	1104647	21.759	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.840	216	543918	20.785	ng/ul	94
40) Hexachlorocyclopentadiene	12.816	237	328168	19.928	ng/ul	94
41) 2,4,6-Trichlorophenol	13.075	196	376800	21.612	ng/ul	99
42) 2,4,5-Trichlorophenol	13.146	196	418906	21.861	ng/ul	98
43) 1,1'-Biphenyl	13.475	154	1501674	21.410	ng/ul	99
44) 2-Chloronaphthalene	13.522	162	1170496	21.377	ng/ul	98
45) 2-Nitroaniline	13.722	65	374922	22.038	ng/ul	95
47) Dimethylphthalate	14.098	163	1461265	21.196	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	286223	21.919	ng/ul	95
50) Acenaphthylene	14.363	152	1846477	21.817	ng/ul	100
51) 3-Nitroaniline	14.545	138	311805	22.464	ng/ul	99
52) Acenaphthene	14.704	153	1258961	21.347	ng/ul	96
53) 2,4-Dinitrophenol	14.751	184	163257	18.405	ng/ul	96
55) 4-Nitrophenol	14.845	109	232852	21.419	ng/ul	98
56) Dibenzofuran	15.040	168	1768055	21.544	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	420096	21.959	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.263	232	349324	21.876	ng/ul	97
59) Diethylphthalate	15.457	149	1438552	21.324	ng/ul	100
61) Fluorene	15.687	166	1446399	21.981	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.675	204	653698	20.938	ng/ul	98
63) 4-Nitroaniline	15.710	138	317269	23.203	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.763	198	250310	20.297	ng/ul	97
67) N-Nitrosodiphenylamine	15.892	169	1219976	21.547	ng/ul	99
68) 4-Bromophenyl-phenylether	16.575	248	403384	21.346	ng/ul	99
69) Hexachlorobenzene	16.692	284	475105	21.362	ng/ul	98
70) Atrazine	16.845	200	411432	21.269	ng/ul	98
71) Pentachlorophenol	17.034	266	284544	20.929	ng/ul	96
72) Phenanthrene	17.428	178	2258209	21.284	ng/ul	99
74) Anthracene	17.522	178	2299151	21.570	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.446	216	565724	20.899	ng/uL	98
76) Pentachlorobenzene	14.957	250	565026	21.488	ng/uL	98
77) Carbazole	17.792	167	2151821	22.453	ng/ul	98
78) Di-n-butylphthalate	18.351	149	2350789	21.646	ng/ul	99
80) Fluoranthene	19.439	202	2598244	21.521	ng/ul	99
82) Pyrene	19.804	202	2705922	21.261	ng/ul	99
83) Butylbenzylphthalate	20.692	149	1041572	21.493	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.486	252	895933	21.768	ng/ul	98
85) Benzo(a)anthracene	21.557	228	2649790	21.304	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.475	149	1502312	22.235	ng/ul	99
87) Chrysene	21.610	228	2586423	21.976	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	2573715	21.249	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	2760823	21.087	ng/ul	99
91) Benzo(k)fluoranthene	23.345	252	2732822	21.864	ng/ul	99
93) Benzo(a)pyrene	23.945	252	2443756	21.315	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.657	276	3167532m	21.680	ng/ul	
95) Dibenzo(a,h)anthracene	26.674	278	2646987m	21.846	ng/ul	
96) Benzo(g,h,i)perylene	27.462	276	2566628m	21.143	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_N
ClientSampleId :
SSTD020264

Manual Integrations
APPROVED

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